

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-57. (cancelled)

58. (Previously Presented) A dietary supplement comprising a source of amino acids and an effective amount of at least one substance which increases nitric oxide production in the body selected from the group consisting of glycosidal saponins, ginseng, L-arginine, N-acetyl cysteine, glucomannan and folic acid, wherein the source of amino acids is a protein and the composition further comprises a carbohydrate, wherein the weight ratio of protein to carbohydrate is about 7 to 1.

59. (Previously Presented) The supplement of claim 58, wherein one serving of the supplement provides about 20 grams of protein and about 3 grams of carbohydrates.

60. (Previously Presented) The supplement of claim 58, wherein one serving of the supplement further provides about 1.5 grams of fat.

61. (Previously Presented) The supplement of claim 58, wherein said protein comprises whey protein.

62. (Previously Presented) The supplement of claim 58, wherein one serving of the supplement is about 28 grams and the supplement is administered more than once daily.

63. (Previously Presented) The supplement of claim 62, wherein one serving of the supplement is administered immediately following an exercise period.

64. (Previously Presented) The supplement of claim 58, wherein the supplement is a powder.

65. (Previously Presented) The supplement of claim 64, wherein the powder is mixed with water for administration as a liquid.

66. (Previously Presented) The supplement of claim 58, wherein the supplement further comprises one or more compounds selected from the group consisting of glutamine, alanine, taurine, carnitine, and acetyl-L-carnitine.

67. (Previously Presented) The supplement of claim 58, wherein the supplement further comprises a compound which mimics or enhances insulin activity.

68. (Previously Presented) The supplement of claim 67, wherein the compound is selected from the group consisting of myo-inositol, d-myo-inositol, cis-inositol, epi-inositol, allo-inositol, muco-inositol, neo-inositol, scyllo-inositol, d-chiro-inositol, l-chiro-inositol, and d-pinitol.

69. (Previously Presented) A dietary supplement comprising about 20 grams of protein, about 3 grams of carbohydrate and an effective amount of at least one substance which increases nitric oxide production in the body selected from the group consisting of glycosidal saponins, ginseng, L-arginine, N-acetyl cysteine, glucomannan, and folic acid.

70. (Previously Presented) The supplement of claim 69, wherein said protein comprises whey protein.

71. (Previously Presented) The supplement of claim 69, the supplement is administered more than once daily.

72. (Previously Presented) The supplement of claim 71, wherein one serving of the supplement is administered immediately following an exercise period.

73. (Previously Presented) The supplement of claim 69, wherein the supplement is a powder.

74. (Previously Presented) The supplement of claim 73, wherein the powder is mixed with water for administration as a liquid.

75. (Previously Presented) The supplement of claim 69, wherein the supplement further comprises one or more compounds selected from the group consisting of glutamine, alanine, taurine, carnitine, and acetyl-L-carnitine.

76. (Previously Presented) The supplement of claim 69, wherein the supplement further comprises a compound which mimics or enhances insulin activity.

77. (Previously Presented) The supplement of claim 76, wherein the compound is selected from the group consisting of N-acetyl cysteine, myo-inositol, d-myo-inositol, cis-inositol, epi-inositol, allo-inositol, muco-inositol, neo-inositol, scyllo-inositol, d-chiro-inositol, l-chiro-inositol, and d-pinitol.

78. (New) A dietary supplement comprising a source of amino acids and an effective amount of at least one substance which increases nitric oxide production in the body selected from the group consisting of glycosidal saponins, ginseng, L-arginine, N-acetyl cysteine, glucomannan and folic acid, wherein the source of amino acids is a protein and the composition further comprises a carbohydrate, wherein the weight ratio of protein to carbohydrate is between about 4 to 1 and about 7 to 1.

79. (New) The supplement of claim 78, wherein one serving of the supplement provides about 20 grams of protein and between about 3 and about 5 grams of carbohydrates.

80. (New) The supplement of claim 78, wherein one serving of the supplement further provides about 1.5 grams of fat.

81. (New) The supplement of claim 78, wherein said protein comprises whey protein.

82. (New) The supplement of claim 78, wherein one serving of the supplement is about 28 grams and the supplement is administered more than once daily.

83. (New) The supplement of claim 82, wherein one serving of the supplement is administered immediately following an exercise period.

84. (New) The supplement of claim 78, wherein the supplement is a powder.

85. (New) The supplement of claim 84, wherein the powder is mixed with water for administration as a liquid.

86. (New) The supplement of claim 78, wherein the supplement further comprises one or more compounds selected from the group consisting of glutamine, alanine, taurine, carnitine, and acetyl-L-carnitine.

87. (New) The supplement of claim 78, wherein the supplement further comprises a compound which mimics or enhances insulin activity.

88. (New) The supplement of claim 87, wherein the compound is selected from the group consisting of myo-inositol, d-myo-inositol, cis-inositol, epi-inositol, allo-inositol, muco-inositol, neo-inositol, scyllo-inositol, d-chiro-inositol, l-chiro-inositol, and d-pinitol.

89. (New) A dietary supplement comprising about 20 grams of protein, about 3 grams of carbohydrate and an effective amount of at least one substance which increases nitric oxide production in the body selected from the group consisting of glycosidal saponins, ginseng, L-arginine, N-acetyl cysteine, glucomannan, and folic acid.

90. (New) The supplement of claim 89, wherein said protein comprises whey protein.

91. (New) The supplement of claim 89, the supplement is administered more than once daily.

92. (New) The supplement of claim 91, wherein one serving of the supplement is administered immediately following an exercise period.

93. (New) The supplement of claim 89, wherein the supplement is a powder.

94. (New) The supplement of claim 93, wherein the powder is mixed with water for administration as a liquid.

95. (New) The supplement of claim 89, wherein the supplement further comprises one or more compounds selected from the group consisting of glutamine, alanine, taurine, carnitine, and acetyl-L-carnitine.

96. (New) The supplement of claim 89, wherein the supplement further comprises a compound which mimics or enhances insulin activity.

97. (New) The supplement of claim 96, wherein the compound is selected from the group consisting of N-acetyl cysteine, myo-inositol, d-myo-inositol, cis-inositol, epi-inositol, allo-inositol, muco-inositol, neo-inositol, scyllo-inositol, d-chiro-inositol, l-chiro-inositol, and d-pinitol.